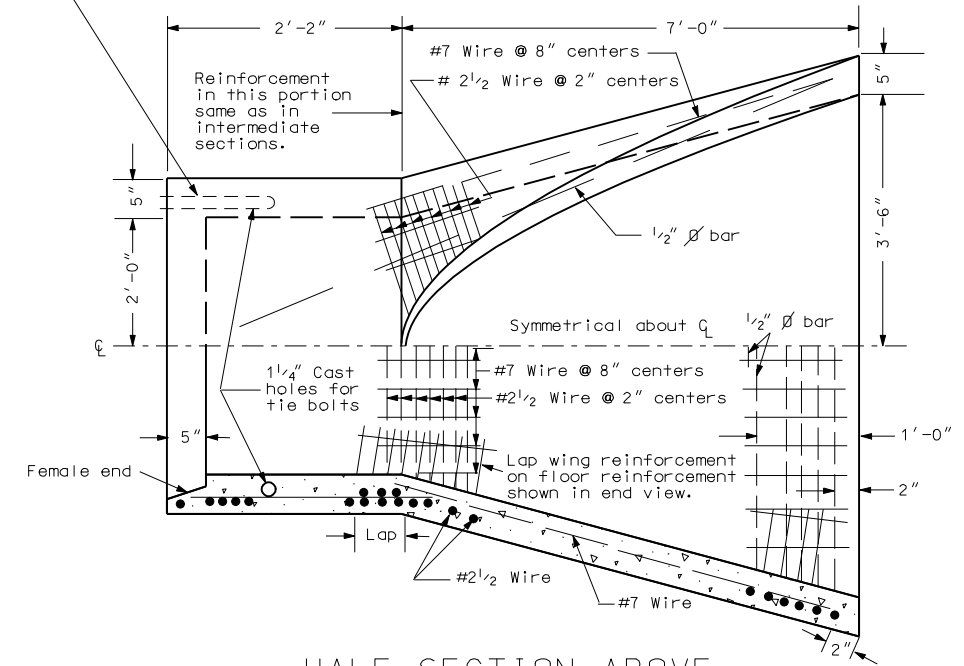


4' X 6' STANDARD SECTIONAL CONCRETE CATTLE PASS (WITH STEEL FABRIC REINFORCEMENT)

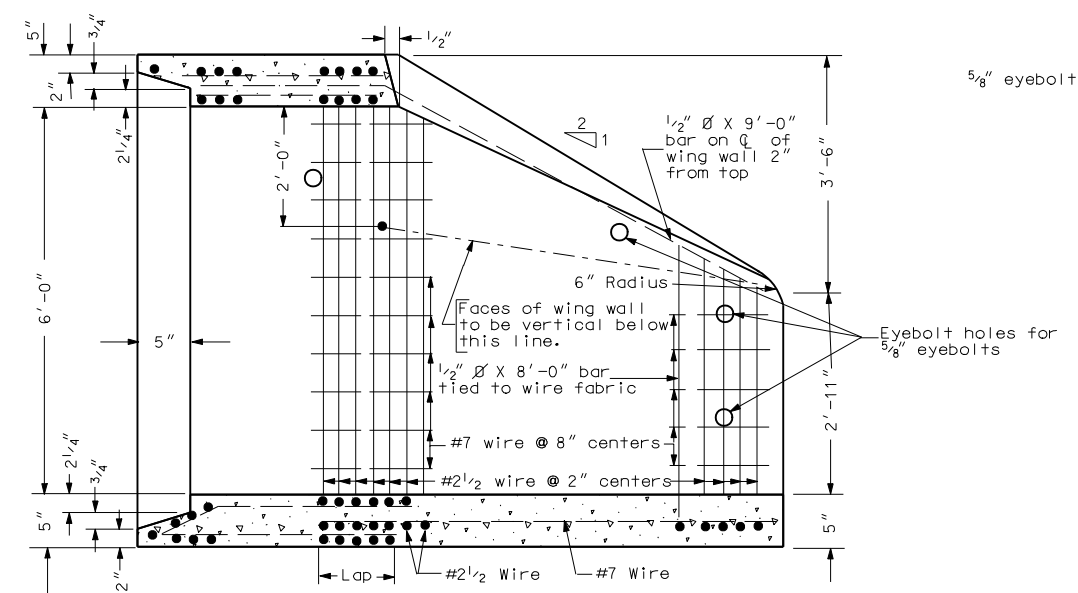
D-714-8

2-1" Tie bolts, each @ 75° to the vertical used to tie flared end section to adjacent straight section.

HALF PLAN OF END SECTION
SHOWING WING WALL REINFORCEMENT



HALF SECTION ABOVE FLOOR THRU END SECTION



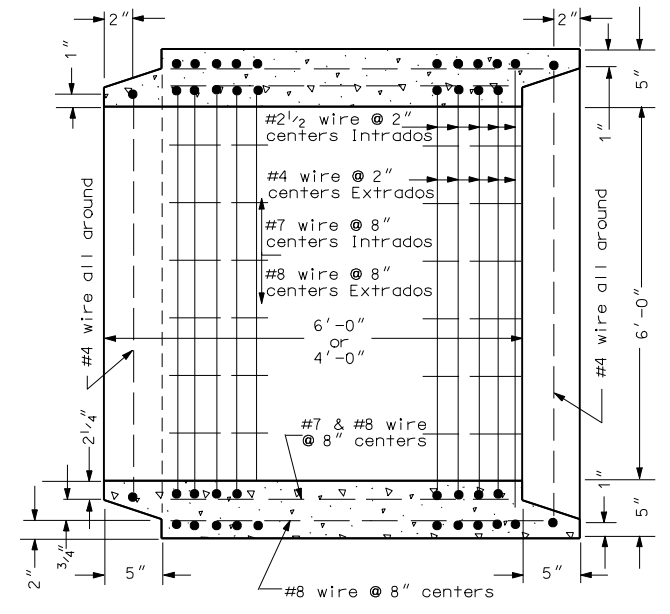
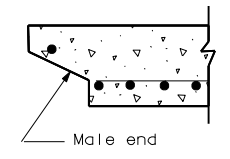
LONGITUDINAL SECTION ON Q OF END SECTION

Estimated weight:
1237 lbs. Intermediate section per foot
9413 lbs. Flared end section

Area of waterway: 22.2 sq. ft.

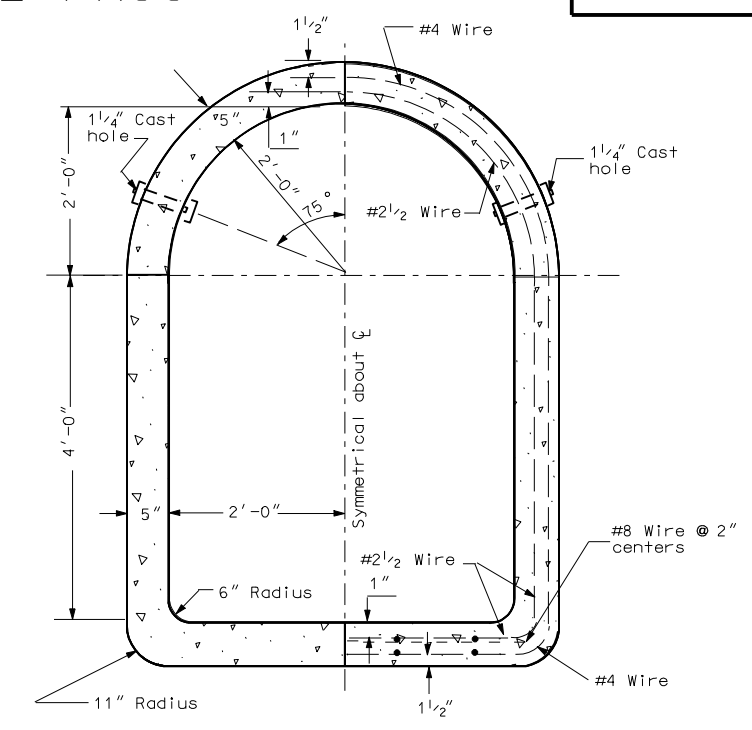
Minimum cover: 1 foot

Maximum cover: 16' normal backfill
26' Imperfect Trench

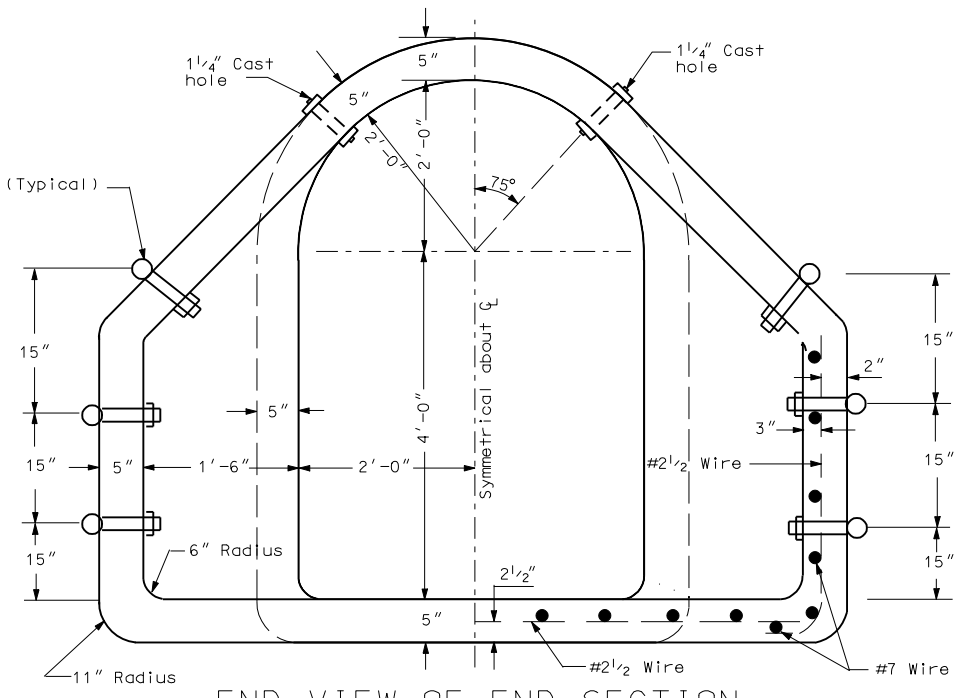


LONGITUDINAL SECTION ON Q

INTERMEDIATE SECTIONS

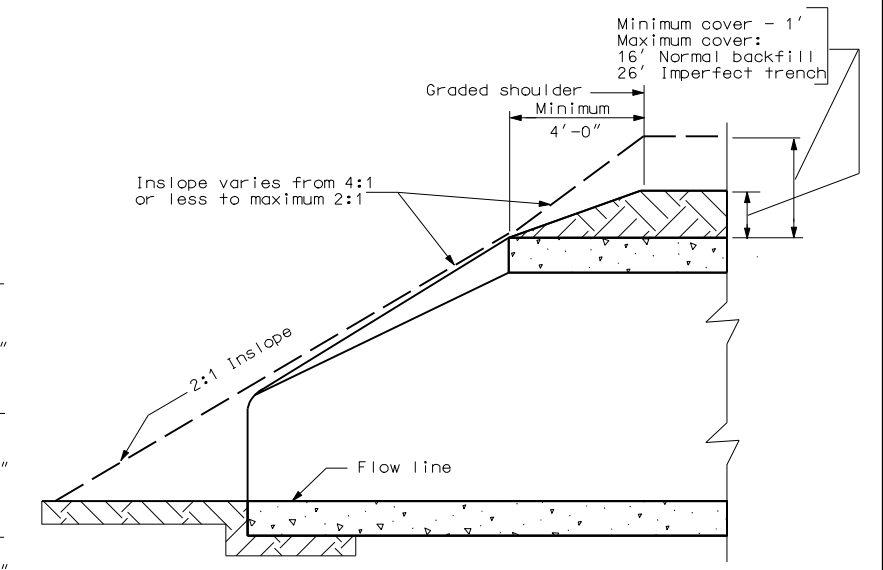


TRANSVERSE SECTION



END VIEW OF END SECTION

- NOTE:
- Cost of furnishing and installing eyebolts shall be included in the unit price bid for fencing. Eyebolts shall be galvanized according to AASHTO Designation M-30.
 - All sections shall be tied with ties on inside and nuts on outside.
 - CONSTRUCTION NOTES: If splices are not electrically welded the reinforcement shall be lapped 40 diameters. If splices are electrically welded the members at either a welded splice or intersection shall develop a tensile strength across the weld not less than the minimum required strength of the fabric.



NORTH DAKOTA DEPARTMENT OF TRANSPORTATION	
10-1-86	
REVISIONS	
DATE	CHANGE
10-10-89	Eyebolt holes
06-11-97	Added note 2
12-01-04	PE Stamp added

This document was originally issued and sealed by MARK S GAYDOS, Registration Number PE-4518, on 12/01/04 and the original document is stored at the North Dakota Department of Transportation